

"It differs notably from any thing we have, and is probably, as you suppose, an undescribed species, unless described as a fossil. We have specimens of the ventricose varieties of *S. Stimpsoni*, which equal this in stoutness, and nearly equal it in curvature of the columella, but the whorls are less ventricose, the shoulder less swollen, the sutural region less deep, and the sculpture is very much finer."

Comparisons have also been made by myself with the Atlantic Siphos in the U. S. National Museum, and of course with the recent and fossil series in the collection of the Academy.

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SHELLS OF HENRY CO., INDIANA.

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BY E. PLEAS.

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To judge from such works on the Mollusca as I have had access to, Indiana has not been regarded as having a Molluscan fauna worthy of the attention of the Conchologist. It is not often mentioned in giving localities. W. G. Binney in his very valuable Manual of Am. Land Shells, prints a list of his large collection as presented to the Smithsonian Institute; some 312 species and varieties, only mentions a beggarly 4: *Zonites fuliginosus*, *Patula solitaria*, *Triodopsis appressa* and *T. inflecta* as hailing from the Hoosier State.

I have been a student and collector of Mollusca for several years and have made it a point to secure our home shells first, and am able to present the following list collected within 5 miles of my residence near Dunreith, Indiana.

Mesodon albolabris Say.	striatella Anth.
elevatus Say.	Polygyra leporina, Gould.
thyroides Say.	Stenotrema stenotremum Fer.
" var bucculenta.	monodon Rack.
Mesoden exoletus Binn.	" var. leaii.
profundus Say.	" var. fraternum.
multilineatus Say.	hirsutum Say.
Sayii Binn.	maxillata? Gould.
clausus Say.	Triodopsis fallax Say.
pennsylvanicus Green.	tridentata " "
Patula alternata Say.	palliata " "
" var. carinata.	inflecta " "
perspectiva Say.	appressa " "
solitaria " "	Zonites ligerus Say.

- fuliginosus Griff.  
 intertextus Binn.  
 exiguus Stimp.  
 arboreus Say.  
 indentatus Say.  
 limatulus Ward.  
 nitidus Müll.  
 viridulus Say.  
 fulvus Drap.  
 minusculus Binn.  
 petrophilus Bland?  
 Strobila labyrinthica Say.  
 Helicodiscus lineatus "  
 Vallonia pulchella Müll.  
 Punctum pygmaeum Drap.  
 Pupa contracta Say.  
   pentodon "  
   corticaria "  
   fallax "  
   armifera "  
   curvidens Gld.  
 Vertigo ovata Say.  
   milium Gld.  
   tridentata Wolf.  
   bollesiana Morse.  
   gouldii Binn.  
 Carychium exiguum Say.  
 Valvata sincera Say.  
   tricarinata "  
 Amnicola porata Say.  
   cincinnatiensis Anth.  
   Sayana "  
 Pomatiopsis lapidaria Say.  
 Bythinella attenuata Hald.  
 Melantheo integra Say.  
 Bulimus dealbatus Say.  
 Ancyclus rivularis Say.  
 Limnaea reflexa Say.  
   palustris Mull.  
   desidiosa Say.  
   humilis "  
   catascopium Say.  
   caperata "  
 Physa gyrina Say.  
   heterostropha Say.  
 Bulinus hypnorum L.  
 Planorbis trivolvis Say.  
   " var. fallax.  
   bicarinatus Say.  
   companulatus Say.  
   parvus "  
 Segmentina armigera Say.  
 Succinea obliqua Say.  
   ovalis Gould.  
   avara Say.  
   " var. vermeta.  
 Sphaerium sulcatum Lam.  
   solidulum Prime.  
   occidentale "  
   striatinum Lam.  
   truncatum Lins.  
 Pisidium abditum Hald.  
 Unio rubiginosus Lea.  
   occidens "  
   luteolus Lam.  
   sub-ovatus Lea.  
   gibbosus Bar.  
   pressus Lea.  
   gracillis Barr.  
   phaseolus Hild.  
   glans Lea.  
   radiatus Lam.  
   cocineus Hild.  
   spatulatus Lea.  
   nigerrimus "  
   ligamentinus Lam.  
   plicatus Les.  
   undulatus Bar.  
   nov-eboraci Lea.  
 Margaritana marginata Say.  
   calceola Lea.  
   deltoidea "

<i>M. rugosa</i> Bar.	<i>shaefferiana</i> ? Lea.
<i>Anodonta grandis</i> Say.	<i>salmonea</i> “
<i>plana</i> Lea.	<i>ferusacciana</i> “
<i>decora</i> “	<i>ferruginea</i> Lea.
<i>imbecillis</i> Say.	<i>stewartiana</i> Lea.
<i>ovata</i> Lea.	<i>subeylindrica</i> Lea.
<i>edentula</i> Say.	

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ON A COLLECTING TRIP TO MONTEREY BAY.

BY WILLIARD M. WOOD.

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The editors of the NAUTILUS have asked me to write a short article for the NAUTILUS, while I am here, on my trip to this once famous collecting ground.

Now that I am about to leave for San Francisco, I feel sorry to think that I have not devoted more time to the collection of specimens. Of course, there have been many long drives to be taken, a dip in the surf once in a day, huckle-berry expeditions with friends, and a thousand and one things to be done, while stopping at a summer watering place.

Between these “sports,” if I may be permitted to call them such, I have managed to find time to do some collecting.

The hotel at which I am stopping is situated within five hundred yards of the beach. To the north, runs a very smooth beach, devoid of rocks of any character for some fourteen miles. To the south, and extending for many miles, is a very rocky stretch. To this rocky portion, almost all of my collecting trips were confined.

Monterey is no longer the famous collecting ground it used to be. The increasing population at and around Pacific Grove is driving away all the land shells. The deadly sewerage flowing from the various towns into Monterey Bay is killing the marine shells. However, new and very interesting species are occasionally brought up from deep water by the dredge.

Early in the morning, on the 28th of June, I started by steamer from San Francisco with my shell collecting outfit, consisting of glass pill bottles for small shells, paper boxes, cigar boxes, cloth bags, long, thin pieces of wood with rubber bands attached for the Chitons, alcohol stove and pan for the killing of bodies of the shells,